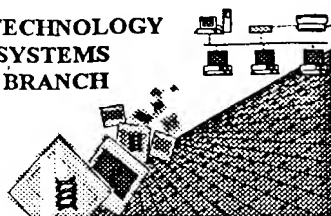


BIOTECHNOLOGY
SYSTEMS
BRANCH



RAW SEQUENCE LISTING
ERROR REPORT

The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) detected errors when processing the following computer readable form:

Application Serial Number: 09/701,674
Source: Pat/09 Rush
Date Processed by STIC: 8/26/2002

THE ATTACHED PRINTOUT EXPLAINS DETECTED ERRORS.

PLEASE FORWARD THIS INFORMATION TO THE APPLICANT BY EITHER:

- 1) INCLUDING A COPY OF THIS PRINTOUT IN YOUR NEXT COMMUNICATION TO THE APPLICANT, WITH A NOTICE TO COMPLY or,
- 2) TELEPHONING APPLICANT AND FAXING A COPY OF THIS PRINTOUT, WITH A NOTICE TO COMPLY

FOR CRF SUBMISSION QUESTIONS, PLEASE CONTACT MARK SPENCER, 703-308-4212.

FOR SEQUENCE RULES INTERPRETATION, PLEASE CONTACT ROBERT WAX, 703-308-4216.

PATENTIN 2.1 e-mail help: patin21help@uspto.gov or phone 703-306-4119 (R. Wax)

PATENTIN 3.0 e-mail help: patin3help@uspto.gov or phone 703-306-4119 (R. Wax)

TO REDUCE ERRORED SEQUENCE LISTINGS, PLEASE USE THE CHECKER VERSION 3.1 PROGRAM, ACCESSIBLE THROUGH THE U.S. PATENT AND TRADEMARK OFFICE WEBSITE. SEE BELOW FOR ADDRESS:

<http://www.uspto.gov/web/offices/pac/checker>

Applicants submitting genetic sequence information electronically on diskette or CD-Rom should be aware that there is a possibility that the disk/CD-Rom may have been affected by treatment given to all incoming mail.

Please consider using alternate methods of submission for the disk/CD-Rom or replacement disk/CD-Rom.

Any reply including a sequence listing in electronic form should NOT be sent to the 20231 zip code address for the United States Patent and Trademark Office, and instead should be sent via the following to the indicated addresses:

1. EFS-Bio (<<http://www.uspto.gov/ebc/efs/downloads/documents.htm>> , EFS Submission User Manual - ePAVE)
2. U.S. Postal Service: U.S. Patent and Trademark Office, Box Sequence, P.O. Box 2327, Arlington, VA 22202
3. Hand Carry directly to:
U.S. Patent and Trademark Office, Technology Center 1600, Reception Area, 7th Floor, Examiner Name, Sequence Information, Crystal Mall One, 1911 South Clark Street, Arlington, VA 22202
Or
U.S. Patent and Trademark Office, Box Sequence, Customer Window, Lobby, Room 1B03, Crystal Plaza Two, 2011 South Clark Place, Arlington, VA 22202
4. Federal Express, United Parcel Service, or other delivery service to: U.S. Patent and Trademark Office, Box Sequence, Room 1B03-Mailroom, Crystal Plaza Two, 2011 South Clark Place, Arlington, VA 22202

Revised 01/29/2002



pr/09

RAW SEQUENCE LISTING

DATE: 08/26/2002

PATENT APPLICATION: US/09/701,674

TIME: 13:40:35

Input Set : A:\pf-0539usn_seqlist.txt

Output Set: N:\CRF3\08262002\I701674.raw

4 <110> APPLICANT: INCYTE PHARMACEUTICALS, INC.
 5 LAL, Preeti
 6 YUE, Henry
 7 TANG, Y. Tom
 8 HILLMAN, Jennifer L.
 9 BANDMAN, Olga
 10 CORLEY, Neil C.
 11 GUEGLER, Karl J.
 12 GORGONE, Gina A.
 13 BAUGHN, Mariah R.
 14 PATTERSON, Chandra
 15 LU, Dyung Aina M.
 17 <120> TITLE OF INVENTION: PROTEINS REGULATING GENE EXPRESSION
 19 <130> FILE REFERENCE: PF-0539 PCT
 -> 21 <140> CURRENT APPLICATION NUMBER: US/09/701,674
 -> 22 <141> CURRENT FILING DATE: 2002-08-26
 24 <150> PRIOR APPLICATION NUMBER: 60/089,029; 60/094,575; 60/104,624
 -> 25 <151> PRIOR FILING DATE: 1998-06-12; 1998-07-29; 1998-10-14
 27 <160> NUMBER OF SEQ ID NOS: 62
 29 <170> SOFTWARE: PERL Program

see pp 1-2
 Does Not Comply
 Corrected Diskette Needed

RORED SEQUENCES

2400 <210> SEQ ID NO: 36
 2401 <211> LENGTH: 2402
 2402 <212> TYPE: DNA
 2403 <213> ORGANISM: Homo sapiens
 2405 <220> FEATURE:
 2406 <221> NAME/KEY: misc_feature
 2407 <223> OTHER INFORMATION: Incyte Clone No.: 1509715
 2409 <400> SEQUENCE: 36
 2410 agcgcgggac aaaggggaagc gaagccggag ctgcggggcgc tttttctgcc cgcgggtgtct 60
 2411 cagattcatt cttaaggaac tgagaactta atcttccaaa atgtcaaaaa gaccatctta 120
 2412 tgccccacct cccacccacag ctcttgcaac acaaatgcc agcacaccag ggtttgtggg 180
 2413 atacaatcca tacagtcac tcgctacaa caactacag ctgggagggg aaccggggca 240
 2414 ccaacagccg ggtaacggca tctctggta tcacgattcc aaaaccccca aagccaccag 300
 2415 ataagccgct gatgccctac atgaggtaca gcagaaaggt ctgggaccaa gtaaaggott 360
 2416 ccaaccctga cctaaagtgt tgggagattg gcaagattat tgggtggcatg tggcgagatc 420
 2417 tcaactgatga agaaaaacaa gaatatatta acgaatacga agcagaaaag atagagtaca 480
 2418 atgaatctat gaaggcctat cataattccc ccgcgtacct tgcttacata aatgcaaaaa 540
 2419 gtcgtgcaga agctgcttta gaggaagaaa gtcgacagag acaatctcgc atggagaaaag 600
 2420 gagaaccgta catgagcatt cagcctgctg aagatccaga tgattatgat gatggctttt 660

place prior
 application number
 directly above its
 filing date

list
 separately

see
 p. 2

RAW SEQUENCE LISTING
PATENT APPLICATION: US/09/701,674

DATE: 08/26/2002
TIME: 13:40:35

Input Set : A:\pf-0539usn_seqlist.txt
Output Set: N:\CRF3\08262002\I701674.raw

```

2421 caatgaagca tacagccacc gcccgtttcc agagaaacca ccgcctcatc agtgaaattc 720
2422 ttagtgagag tgtggtgccg gacgttcggt cagttgtcac aacagctaga atgcaggtec 780
2423 tcaaacggca ggtccagtc ttaatgggtc atcagcgaaa actagaagct gaactttctc 840
2424 aatatagagga acgacaccag gagaagaaga ggaaattcct ggaaagcaca gattcattta 900
2425 acaatgaact taaaagggtg tgcggtctga aagtagaagt ggatatggag aaaattgcag 960
2426 ctgagattgc acaggcagag gaacaggccc gcaaaaggca ggaggaaagg gagaaggagg 1020
2427 ccgcagagca agctgagcgc agtcagagca gcacgttcc tgaggaagaa caagcagcta 1080
2428 acaaaggcga ggagaagaaa gacgacgaga acattccgat ggagacagag gagacacacc 1140
2429 ttgaagaaac aacagagagc caacagaatg gtgaagaagg cacgtctact cctgaggaca 1200
2430 aggagagtgg gcaggagggg gtcgacagta tggcagagga aggaaccagt gatagtaaca 1260
2431 ctggctcgga gagcaacagt gcaacagtgg aggagccacc aacagatccc ataccagaag 1320
2432 atgagaaaaa agaataagtg ttgccttgtt ttgtgtgttc taaatacttt ttttaatgaa 1380
2433 aaaatgtttt ttggttttaa tgggtgttac tgggttgtgt attaatTTTT tttcttgttc 1440
2434 atatcacacc accaaaggct tttggacat ttagcatcat gagecctaat gctcagtcag 1500
2435 tcacctttct taagtgttgt gaagatggct cttttctttg gatcttggtt ctageccctca 1560
2436 actgctgaaa gcctcagaat ttagattaat tgagaaaaca cccacctctt ttagagaatt 1620
2437 atcctttgat gctgcagaat ctactcttac aatgccttcc tacagctcac tggggtgctt 1680
2438 accaaagcca tagctttaaa ccttcccagt ccccatcagt agcttctga aagtctctc 1740
2439 tcttggttac ttctgcaaag ggtagcttct taaaaacgtg atcatgtatg agtatgtatt 1800
2440 tgttcactta ccttttttta cttttaatca atgtcagata ccaagagttg tgttaagctg 1860
2441 agtgtagtgt gtaactaact acacttggat cttactgatc cagaaatagt ccccatagtt 1920
2442 agagttagta cttatgaagt ggttattaaa gtgaacacag cacatataca ttatctatac 1980
2443 tgctttttgt tatgattaat actgggtatg ttctggtaaa tccatcctta ttatataaaa 2040
2444 aaaaaattac ttttttaccg ggttttccaa agacagaata gatcacaagg ctaaggaat 2100
2445 ttaatatctt tgtaatggac tagataatc aaactgatta gccattcca gaagaaaaac 2160
2446 agctgggaat taagttaatc cacttgaaat tgttttaccg taatcagaac atccaaacct 2220
2447 caaggctcag gatcccatag accagagccc accttttga taaacttagt aaagtcttgg 2280
2448 agactagaag caagatagtt tgtgacacat aagcttccca aaaactagaa tagattttta 2340
2449 ctgaatagtg gtatatctga ttgtatatgt ttcttaaagg tccaaatgta ataaaaaaaa 2400
-> 2450 aaaaaaaaaa aaaaaaaaaa
-> 2451 2418

```

*move
cumulative
base total
up one line*

FBI Use of n or Xaa has been detected in the Sequence Listing.
Review the Sequence Listing to insure a corresponding
explanation is presented in the <220> to <223> fields of
each sequence using n or Xaa.

VERIFICATION SUMMARY

DATE: 08/26/2002

PATENT APPLICATION: US/09/701,674

TIME: 13:40:36

Input Set : A:\pf-0539usn_seqlist.txt

Output Set: N:\CRF3\08262002\I701674.raw

21 M:270 C: Current Application Number differs, Replaced Current Application Number
22 M:271 C: Current Filing Date differs, Replaced Current Filing Date
25 M:256 W: Invalid Numeric Header Field, Wrong Prior FILING DATE:YYYY-MM-DD
281 M:283 W: Missing Blank Line separator, <220> field identifier
319 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:6 after pos.:210
2356 M:258 W: Mandatory Feature missing, <220> not found for SEQ ID#:35
2358 M:258 W: Mandatory Feature missing, <220> not found for SEQ ID#:35
2360 M:258 W: Mandatory Feature missing, <220> not found for SEQ ID#:35
2362 M:258 W: Mandatory Feature missing, <220> not found for SEQ ID#:35
2364 M:258 W: Mandatory Feature missing, <220> not found for SEQ ID#:35
2366 M:258 W: Mandatory Feature missing, <220> not found for SEQ ID#:35
2374 M:258 W: Mandatory Feature missing, <220> not found for SEQ ID#:35
2375 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:35 after pos.:0
2376 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:35 after pos.:60
2389 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:35 after pos.:840
2390 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:35 after pos.:900
2391 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:35 after pos.:960
2392 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:35 after pos.:1020
2393 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:35 after pos.:1080
2394 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:35 after pos.:1140
2395 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:35 after pos.:1200
2396 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:35 after pos.:1260
2397 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:35 after pos.:1320
2450 M:254 E: No. of Bases conflict, LENGTH:Input:0 Counted:2418 SEQ:36
2451 M:252 E: No. of Seq. differs, <211> LENGTH:Input:2402 Found:2418 SEQ:36
2480 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:37 after pos.:660
2481 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:37 after pos.:720
2482 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:37 after pos.:780
2483 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:37 after pos.:840
2697 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:42 after pos.:2220
2813 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:45 after pos.:60
2814 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:45 after pos.:120
2815 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:45 after pos.:180
3153 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:51 after pos.:1920
3594 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:59 after pos.:1200